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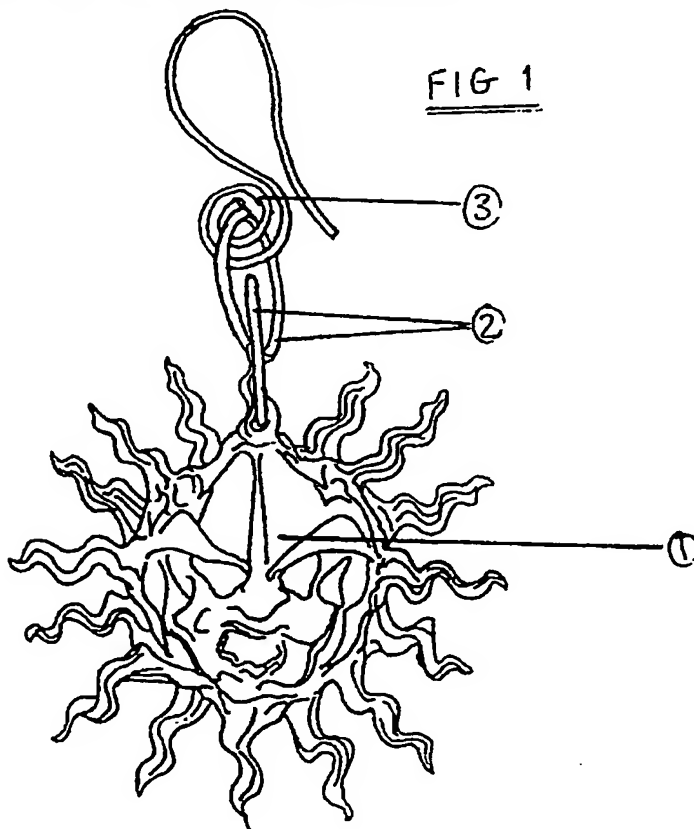
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GB 0503537 A GB 0449062 A

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ONLINE DATABASES: WPI

(54) Origami jewellery

(57) A metal origami article is made from a paper original. The paper is lacquered and a cold cure mould is made, to produce a wax replica. This wax replica is then centrifugally cast in a hot mould and metal origami articles manufactured, preferably of gold or silver.

The articles may be used for earrings, cuff-links or pendants.

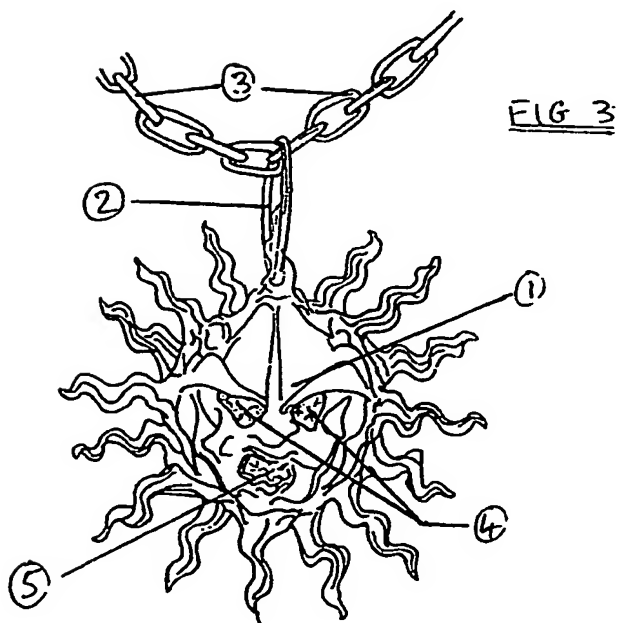
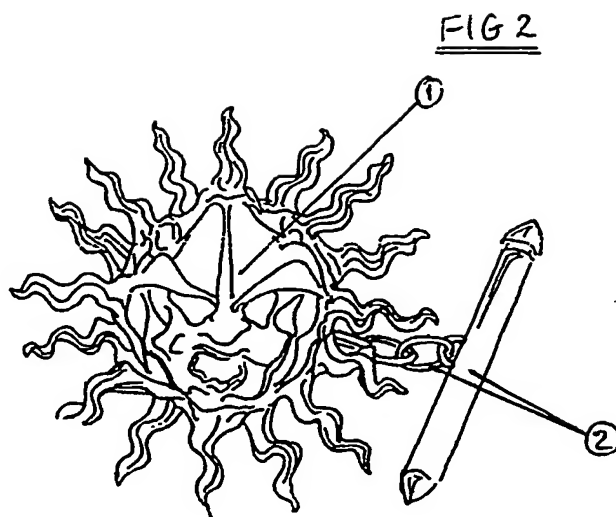
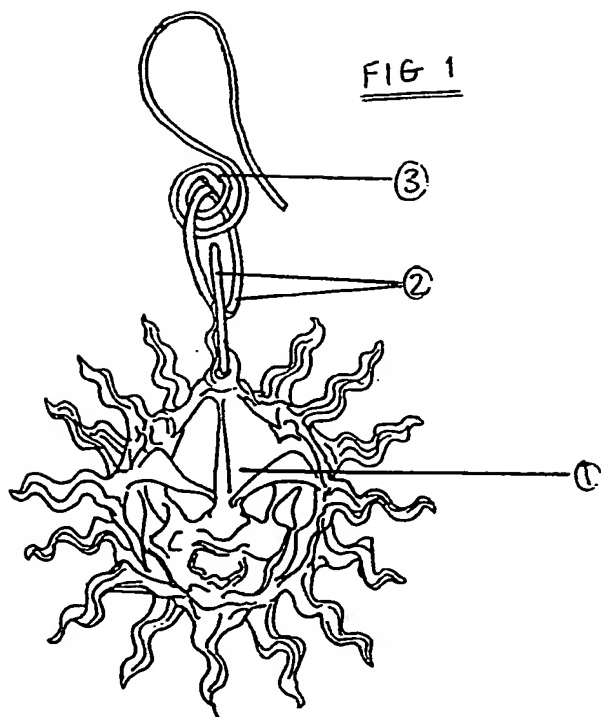


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ORIGAMI JEWELLERYDescription

Origami is the well known Japanese art of paper folding. The technical field of this art means complicated combinations or folds producing unlimited variations of forms; these paper origami forms are combined with metal fittings and stones to produce paper earrings.

This invention is taking these origami folded forms and by putting them through various processes, and by using methods and skills, producing metal origami articles of jewellery.

The paper origami form is lacquered with translac lacquer to render the form impervious to water. Then through a cold cure mould in a centrifugal casting process resulting in a wax form which is then worked on before going back to the casters for a "hot mould" in a centrifugal casting process. The result is a metal origami article, usually in silver or gold (or other) upon which the final details are created - then back to the casters for the first finished mould from which manufacture will occur.

To the metal product is added, by securely joining, chains, jump rings, cufflink fittings, pegs and scrolls or any other fittings to the origami metal article, to produce when combined with precious or semi-precious stones whether set, hung or any other method of joining securely, a finished article of origami jewellery i.e. (a) & (c) below.

This jewellery, if the article is made of silver, may well be put through a gold plating process resulting in a layer of gold over the solid silver origami article i.e. (b).

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|--------------|-----|---------------------------------|---|-------------------------------|
| Examples (a) | (1) | Silver origami sun article |) | |
| | (2) | Silver jump rings |) | 1 silver hanging sun |
| | (3) | Silver finding |) | earring |
| (b) | (1) | Gold plated silver origami |) | |
| | | sun article |) | |
| | (2) | Cufflink fitting in silver, |) | 1 gold plated sun cufflink |
| | | yet gold plated |) | |
| (c) | (1) | Solid gold origami sun article |) | |
| | (2) | One gold jump ring |) | 1 solid gold pendant origami |
| | (3) | Pendant chain in solid gold |) | sun with set stones, on chain |
| | (4) | Two emeralds set, one in each |) | |
| | | eye |) | |
| | (5) | One ruby set in the sun's mouth |) | |

CLAIMS.

1. A metal origami article which is made from a paper origami original.
2. A metal origami article, as in claim 1, made through a cold cure mould from a paper origami original, using wax .
3. A metal origami article, as in claims 1 and 2, made through a hot cure mould in a centrifugal casting system via a lost wax process.
4. A metal origami article, as in claims 1,2 and 3, which when securely joined by any method, skill or process such as soldering or linking or other to any finding of any material is an article of origami jewellery.
5. A metal origami article, as in claims 1,2,3, and 4, which is partially covered or totally covered by any other metal in an electroplating process.
6. A metal origami article, as in claims 1,2,3,4 and 5, which is set or adorned, by any method or skill, with precious or semi-precious stones.
7. A metal origami article, as in claims 1,2,3,4,5, and 6, which has any method or skill or process used on it to change the colour or appearance, ie, enamelling, antiquing, or metal patination.
8. A metal origami article, as in claims 1,2,3,4,5,6, and 7, securely joined to a cufflink fitting, which, when polished is an origami cufflink.
9. A metal origami article , as in claims 1,2,3,4,5,6,7,and 8, securely joined to a chain which in turn is securely joined to another origami jewellery article, which is a double cufflink.
10. A metal origami article, as in claims 1,2,3,4,5,6,7,8, and 9, securely joined to a jump ring which in turn is securely joined to a drop earring fitting of any material content or design; as an origami jewellery drop earring article.

CLAIMS pg 2

11. A metal origami article, as in claims 1,2,3,4,5,6,7,8,9, and 10, securely joined to a metal peg finding which when combined with the scroll part of the finding is an origami jewellery stud earring article.

12. A metal origami jewellery article, as in claims 1,2,3,4,5,6,7,8,9,10 and 11, which when securely joined to a jump ring and/or other origami articles and combined with a chain and bolt ring are origami jewellery necklaces, bracelets, and pendants.

13. A metal origami jewellery article, as in claims 1,2,3,4,5,6,7,8,9,10,11, and 12, securely joined to a metal tie-clip fitting which is an origami jewellery tie-clip article.

14. A metal origami article, as in claims 1,2,3,4,5,6,7,8,9,10,11,12, and 13, securely joined to a stick pin finding which is an origami jewellery stick pin article.

Application number
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Search Examiner
DIANE DAVIES

Date of completion of Search
25 February 1994

(ii) Int Cl (Ed.5) A44C 5/14

Documents considered relevant
following a search in respect of
Claims :-
1-14

(i) UK Patent Office collections of GB, EP, WO and US patent specifications.

(ii) ONLINE DATABASES: WPI

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| X: | Document indicating lack of novelty or of inventive step. | P: | Document published on or after the declared priority date but before the filing date of the present application. |
| Y: | Document indicating lack of inventive step if combined with one or more other documents of the same category. | E: | Patent document published on or after, but with priority date earlier than, the filing date of the present application. |
| A: | Document indicating technological background and/or state of the art. | &: | Member of the same patent family; corresponding document. |

Category	Identity of document and relevant passages	Relevant to claim(s)
X	GB 0503537 A (T G JUNGENSEN) whole document	1-14
X	GB 0449062 A (T G JUNGENSEN) whole document	1-14

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